

**CITY OF DANBURY  
DEPARTMENT OF PUBLIC WORKS**



**155 DEER HILL AVENUE  
DANBURY, CONNECTICUT 06810  
(203) 797-4537 FAX (203) 796-1586**

**MAYOR  
Honorable Mark D. Boughton**

**PUBLIC WORKS DIRECTOR  
Antonio Iadarola, P.E.**

June 25, 2009

Honorable Mayor Mark D. Boughton  
Honorable Members of the Danbury Common Council  
155 Deer Hill Avenue  
Danbury, CT 06810

RE: Monthly report for May, 2009

Dear Mayor Boughton and Members of the Common Council:

I am pleased to present to you the Public Works Department report for the month of May, 2009.

The entire Public Services Division worked together to complete the plantings and cleaning in preparation for the Memorial Day Parade and the opening of all City parks. Flags were placed along the parade to provide a more patriotic feeling for the event. Rogers Park was magnificent and provided a beautiful setting for the Memorial Day Services. There were significantly more spectators this year who were given a first hand view of one of the most picturesque areas in the City.

Clean City Danbury Day was once again, a great success. Two hundred twenty nine (229) tons of debris was collected at various sites within the City. Sixty-five thousand (65,000) pounds of mixed electronics was collected along with five thousand six hundred (5,600) feet of fluorescent tubes.

The Public Works Department appreciates the efforts of the residents to help reduce litter and keep Danbury the beautiful City that it is. We also want to thank the Mayor and Common Council members and all of the other volunteers for contributing to the continued success of the program.

May 20, 2009 was a great day for the Hat City Public Works Department. Our Second Annual Public Works Awareness and Employee Recognition Day was a huge success. The students from

Mill Ridge Primary School showed enormous interest in the displays and activities presented by the divisions. The students especially enjoyed the hayride around the complex, the tree climbing demonstration, the traffic lights and looking at the equipment. The thank you notes from the students told us time and again “this was the best field trip ever”. The students were polite, extremely well behaved and a pleasure to have as our guests.

## **Construction Services report submitted by Thomas H. Hughes III, Superintendent of Construction Services:**

### Backus Avenue Bridge over Miry Brook

The plans & specifications are with the Engineering Department and the bid documents have been prepared and finalized. The sequencing for the temporary pole relocations have also been finalized with the utility companies.

White Street Streetscape – The contractor has completed 100% of the entire construction on the north and south sides of White Street Phase I. In conjunction with the Planning Department, we have extended the project into the Phase II portion of the design. The remaining plantings have taken place this month and we expect to close the project out next month.

Kenosia Spray Park – We met with the Public Utilities consultant, LGB, and forwarded information for the change of use permit required by the State Department of Health due to the proximity of the drinking water wells. LGB has answered all the State Department of Health's comments. The final Drinking Water Quality Management Plan for construction to the State Department of Health has been submitted. We anticipate receiving the approval shortly, and will then proceed with construction immediately.

Rogers Park Soccer Fields -We have completed the drainage and fine grading of the field. Field Turf has mobilized and has begun the turf install. Reliable Excavating has begun the sidewalk and retaining wall construction parallel to Memorial Drive. Working with Reliable and the Parks Department, we have constructed a flower bed and landscaped the area of the field adjacent to Memorial Drive. We anticipate the field to be completed by the end of June, weather permitting.

Danbury High School ADA & Egress - The Engineering Division has hired an architect from our on-call consultants. Construction Services walked through the DHS with our on-call architect and have received his report. Construction Services will move forward with implementing and general contracting the compliance project from our City bid list and necessary vendors through quotes, which will reduce costs to the City. The additional code compliance work addressing non-compliant stair wells cited by the State of CT. has been completed. The new handicap handrails will be installed in the auditorium during the April vacation. The remaining work will be completed during the summer recess.

Danbury High School Hall of Fame – The first phase will be the construction of a new trophy case. Construction Services met with Jim Blansfield and went over the scope of the Hall Fame. Resulting from this meeting, we were able to do some value engineering and will move forward with the project. We have contacted a contractor on our City Bid list and requested a quote for the construction of the trophy case.

### Roberts Avenue School

Construction Services has taken over the day to day project management from O&G. The project is now administrated in-house. O&G finished their contract on October 31, 2008. Construction

Services will be working in conjunction with the City Engineer to complete this project. The City of Danbury has saved approximately \$ 550,000.00 in Construction Management fees by Construction Services assuming the construction management of this school project.

#### Pocono Lane

The soft buffer plantings have been planted by the Public Works Forestry Division. This closes out the project.

#### East Franklin Street Bridge over Padanaram Brook

The DOT has issued a report for this structure, identifying the abutment which has been undermined from scour. In conjunction with the Engineering Division, we have hired an on call engineer, Stantec, to evaluate the repair. Once the evaluation is completed, Stantec will issue a repair method to the City Engineer.

#### Long Ridge Road

A stone culvert crossing damaged during the April 2006 Northeaster has been inspected. The structure is failing. With the City Engineer, we are developing a scope for the necessary repairs to avoid failure of the culvert and road.

#### Williams Street

Construction Services is working with the City Engineer to develop the scope for sidewalk, drainage and roadway improvements. This project will be funded by CDGB. The project will be administrated by Construction Services once it was been awarded.

#### Homeless Shelter

Construction Services is assisting the Health Department Director, Scott Leroy, in developing a scope of work for a CDGB project. The project will encompass installing a video system for security and make energy efficient improvements to the existing structure.

Should you have any questions regarding this report or any issues related to the Construction Services Division, please feel free to call me at 796-8069.

### **Engineering report submitted by Farid L. Khouri, P.E., City Engineer:**

#### Assessment Projects:

- Tilden Road and Olive Street Area: Received Common Council authorization for the Corporation Counsel to negotiate the proposed storm drainage for the project. The engineer is investigating a possible conflict and solution on the storm drainage.
- Cornell Hills Sanitary Sewer and Water Project: The project was ranked #50 for the ARRA (Stimulus) money, and we are not sure if enough money is available to do this work.
- Boulevard Drive Sewer Assessment: The Consulting Engineer has submitted plans and specifications and a cost estimate for an underground pump station sanitary sewer system for review. We will meet with the property owner next month to show him the plans and keep him informed.
- Briar Ridge Road, Rolf's Drive, Greta Drive and Cel Bret Drive Sanitary Sewer: We have completed our in-house, preliminary design and estimate. Next month

we will perform a final review and prepare the preliminary assessments for a mail survey.

- Oak Lane and Haddy Lane Sanitary Sewer: We are working in-house on a preliminary design for a mail survey.
- Various Assessment Projects: We have started gathering information for in-house, preliminary design.

Roberts Ave Replacement School: Site contractor has installed all trees and shrubs and is in the process of raking and seeding the topsoil and spreading mulch. Final paving course is scheduled for 6/15/09. Final fire alarm and sprinkler tests are complete and have passed. Punchlist work (interior) is 90% complete. Final building inspections will be scheduled next week, and the final zoning inspection will follow.

Traffic Division: In addition to the routine activities of repair and maintenance of traffic control signal devices, the Division is currently working on improvement of the intersection of Lake Avenue Extension and Shannon Ridge Road; design and coordination of traffic lights on Backus Avenue from Sugar Hollow Road to Kenosia Avenue; City-wide optimization of traffic signal synchronization operations; design of the intersection of Germantown Road and Hospital Avenue and installation and maintenance of roadway pavement markings.

Staff Engineers: Review various site plans, water and sewer applications, special exception applications, and subdivision applications for land-use approval of on-going development projects throughout the City. In addition, field inspection is performed regularly for these developments. Reviews of long-standing drainage problems are analyzed and design solutions are handled in-house.

Survey crew: Currently working on Lincoln Avenue Paving and Sidewalks Project, Rose Street Sewer Project, Ives Trail Easements, White Street Paving and Drainage Project, Backus Avenue Traffic Signal Improvement Project, the City-wide Drainage Project and miscellaneous sight line and tree issues.

DHS ADA plans: The Engineering staff along with the Public Services Division and Public Buildings have collected cost estimates to do this work. The permit has been secured, and work will start the week of June 29, 2009.

Park Avenue School Roof: Fuller and D'Angelo P.C. Architects and Planners were hired to investigate and prepare plans and specifications for the roof at Park Avenue School. The plans and documents are ready for bid. The funding mechanism with the State is currently under investigation.

William Street Phase II: Design was done in-house and project was bid out. Work will involve sidewalk replacement, reclaiming roadway, improving drainage and enhancing neighborhood around the William Street Park. Bids were received May 21, 2009.

Garfield Avenue Storm Drainage: Project is 95% complete. We are waiting on final fence installment.

Germantown Road and Hospital Avenue Intersection Re-design and Traffic Light: Preliminary design has been started. A meeting took place with the Fire Chief, CL&P and AT&T.

Lincoln Avenue: Notified of stimulus funding. Application due June 5, 2009. In-house survey work, preliminary cost estimates and engineer design are in process. This has been classified as a high-priority project.

Stimulus road packages: Completed and submitted to the State of Connecticut (mid-April 2009) to qualify White Street, Franklin Street, Franklin Street Extension and Backus Avenue Bridge to receive Federal approval and funding for construction. Currently, we are waiting on State of Connecticut field visits to the sites.

Should you have any questions regarding this report or any other issues related to your Engineering Division, please do not hesitate to contact me at 797-4641.

**Forestry report submitted by Mark Miller, Foreman of Forestry Department:**

The Forestry crew put forth a lot of effort to prepare for the Memorial Day Parade to ensure an attractive parade route with the installation of new flags at the memorial sights. Rogers Park and Main St. were also pruned, mulched and planted providing a scenic setting for the parade and ceremonies.

On May 20<sup>th</sup>, the Forestry Division provided one of the most popular displays at the Second Annual Public Works Awareness and Employee Recognition Day held at the complex on Newtown Road. The students really enjoyed looking at our truck and equipment. Once again, the tree climbing demonstration was a big hit. We are already looking forward to next year's event.

Tree removals and pruning were performed at the Town Park, Wooster Street Cemetery, Montgomery Street, Cedar Drive, Plumtrees Road and Kohanza Street. The Forestry crew responded to tree calls on Plumtrees Road, Old Shelter Rock Road, Westville Avenue, Liberty Avenue and East Pembroke Road. Twenty-five (25) evergreen trees were planted on Pocono Lane.

Please contact me at 797-4609 if you should have any questions. Thank you.

**Highway report submitted by Duke Hart, Superintendant of Public Services:**

During the month of May, the Highway Department has been running at full speed to conduct the annual sweeping program. Four sweepers have been out on a daily basis to clean the winter road sand off the 240 miles of City streets. The spring leaf bag pickup program was in full swing, working one week in section A and the next in section B.

Our construction crew installed new drainage at two (2) locations, Cannon Drive and Bullet Hill Road. Six (6) drainage repairs were also performed.

The sign crew repairs several signs at various locations throughout the City.

The downtown refuse truck is out on a daily basis in the City Center area. Keeping our downtown streets and sidewalks clean is an ongoing task.

Public Works Awareness Day was again a great success. I would like to take this opportunity to thank everyone involved for doing such a great job.

Should you have any questions regarding this report, please feel free to contact me at 797-4605.

**Parks Maintenance report submitted by Duke Hart, Superintendent of Public Services:**

May is one of the busiest months out of the year for the Parks Maintenance Division. The baseball, softball, lacrosse and soccer programs are in full swing. All of the playing fields used, need to be maintained seven days a week. This division is committed to providing good playing fields on a daily basis.

The Special Olympics was also held in Danbury this year and the Parks Maintenance Division put forth a concentrated effort to ensure that the fields were for the event.

The crews always take great pride in preparing for the Memorial Day Parade and this year was no different. The beach at Lake Candlewood and the Rogers Park Spray Park were open for Memorial Day. The division was also pleased to present a beautiful City Center for the CT Film Festival.

The school grounds, along with all of the lawns in the inner City are now on a mowing schedule and weather permitting, will continue through the spring and summer months.

Should you have any questions regarding this report, please feel free to contact me at 797-4605.

**Public Buildings report submitted by Rick Palanzo, Superintendent of Public Buildings:**

The month of May is a difficult one for management of public buildings. As the seasons change weather fluctuates between needing heat and cooling. Managing the efficient use of the city's resources proves to be a challenge, but one we are prepared to meet. The department backlog of work requests is growing due to the age of our facilities and lack of a full staff; in addition we began the operation of the new police HQ at 375 Main Street.

**Recycling:** The office paper recycling program that began in November is proceeding without incident. We have had to add additional containers at the Library, City Hall and the Police HQ to handle the volume of recyclable paper. We are recycling our office paper as well as newspaper and junk mail. The new police HQ is providing a great deal of recyclables to the program.

**Veterans Hall:** We have added an access control system to Veterans Hall which will alleviate the need for a key for the various veteran groups to enter the building for their meetings and business. The installation is 100% complete and operational. The veteran group leaders have special Identification badges that allow them access into the building office space. There is no need to have a key to the building for access. The computer system maintains a log of access and departure so that in case of an emergency we can check the record of occupancy.

**Honeywell/Schools/ City:** The Honeywell building management software known as EBI has been installed in 97% of the City's school buildings. This new software will give the school personnel greater control over their energy consumption.

**Benchmarking:** Honeywell has begun a program to benchmark energy consumption at all of the city school buildings and many of the larger city buildings. We have transmitted historical energy consumption data by building which Honeywell will use to compute the benchmarking. Once the compilation and computation is complete this information will allow us to track how we use power and afford us a yardstick to measure conservation efforts.

**Energy:** We are looking at a new energy conservation/ small building management system available from Honeywell Corp. This system will allow remote access to the energy management system of a small building and take control of the building out of the hands of the occupants. This system will allow us to set heating and cooling set points which can not be locally overridden by the building occupants, which will result in energy savings. We began to install this system at the Elmwood Hall Senior Center. The system should be operational by the beginning of June 2009. If this works as described we will install a similar system at the Library tech center. This is one of many energy conservation efforts we are pursuing to save the City energy dollars.

**Public Works/ Fueling Station:** The new fueling station at Public Works has a new digital surveillance system which will observe and record all odd occurrences at the fueling station. Since the fueling station is open 24/7; this surveillance /security system will observe all going on and mitigate mischief. The PB staff installed a fiber optic cable so that the fueling station surveillance can be observed from the Highway and PB division offices as well as from the Equipment Maintenance division office. Our system must be connected by the IT department to become operable on the city WAN. The system is currently in local operation until changes can be made to network the data and visuals. Funding should be released after July 1, 2009 to complete this project.

**New Police HQ:** The building is magnificent. The police have moved in and are adjusting to their new home. The building is large enough for all operations.

**Old Police Buildings:** The PB Staff has locked these buildings and we are removing items that can be reused in other active city buildings. The Purchasing Agent and my staff have to evaluate the furniture for a future sale. Once emptied, the buildings will then be cleaned and locked down until sold or re commissioned for use.

**Requests for Maintenance and Repairs:** Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of May. In the month of May we received 153 new work requests and completed 101 work requests. In reviewing this report, you will find the repair time that was expended in major work categories, (current month versus previous month). Also listed is the total number of work order hours completed, (current month versus the previous month).

Our department was heavily engaged in plumbing repairs of the City's buildings and schools with a total of 144.75 man-hours dedicated to this service. The next largest area of concentration was in mechanical repair work, utilizing 82.00 man-hours of labor. Electrical repairs came in as the third highest category with 76.50 man-hours.

Should you have any questions regarding this report, please do not hesitate to contact me at 797-4584. I am happy to discuss any portion of this report with you.

**Public Utilities report submitted by Dave Day, Superintendent of Public Utilities:**

Enclosed is the monthly report to the Common Council for activities that took place in April 2009. Also attached is the Public Utilities Vehicle Maintenance Report.

As of May 14, 2009 there are 63 hydrants out of service. Repairs to hydrants are continuing. I will be happy to review the information with you.

Should you have any questions regarding this report, I will be happy to review the information with you. Please contact me at 797-4539.

See appendix "B" for attachments.

Sincerely,

Antonio Iadarola, P.E.  
Director of Public Works

cc: Jean Natale, City Clerk  
David Day, P.E., Public Utilities Division  
Duke Hart, Public Services Division  
Tom Hughes, Construction Services Division  
Farid Khouri, P.E., Engineering Division  
Richard Palanzo, Public Buildings Division  
Mark Miller, Forestry Division  
Mark Saumell, Equipment Maintenance

---

# MEMORANDUM

---

**DATE:** June 9, 2009  
**TO:** City of Danbury, Common Council  
**FROM:** *David M. Day, P.E.*, Superintendent – May 2009  
**RE:** Sanitary Sewer Collection System Maintenance

Complaints: 11 \_\_\_\_\_

Number Received: 11 \_\_\_\_\_

Number Completed: 11 \_\_\_\_\_

Pipe Cleaned: 900 \_\_\_\_\_

Gallons of Water Used: 5,000 \_\_\_\_\_

Pipe Inspected:

---

COMMENTS:

**MAINTENANCE REPORT - BUILDING # 6**  
**5/1/09**

5/1/2009	273DA	WATER	SERVICE TIRES
	DET	POLICE	SERVICE LIGHTS
	352DA	POLICE	SERVICE
5/4/2009	157DA	POLICE	SERVICE
	DET	POLICE	SERVICE
	159DA	WATER	ENGINE LIGHT
5/5/2009	159DA	WATER	ENGINE LIGHT
	261DA	POLICE	SERVICE
	DET	POLICE	BLOWER MOTOR
	11DA	POLICE	SERVICE
5/6/2009	261DA	POLICE	DASHBOARD NOISE
	DET	POLICE	SERVICE
	107DA	WATER	BRAKES SERVICE TIRES
	37981	SENIOR	BATTERY
			FRONT END SERVICE
5/7/2009	107DA	WATER	BRAKES
	DET	POLICE	SERVICE
	186DA	POLICE	FRONT END SERVICE
			FRONT END SERVICE
5/8/2009	107DA	WATER	BRAKES
	261DA	POLICE	NOISE
			FRONT END SERVICE
5/11/2009	107DA	WATER	BRAKES
	10DA	POLICE	SERVICE
			FRONT END SERVICE
5/12/2009	107DA	WATER	BRAKES
	10DA	POLICE	WINDOW SWITCH
	263DA	HEALTH	WINDOW
5/13/2009	352DA	POLICE	SERVICE LIGHT BAR
	263DA	HEALTH	WINDOW REGUATOR
			FRONT END SERVICE
5/14/2009	107DA	WATER	BRAKES
	11DA	POLICE	NO START
			FRONT END SERVICE
5/15/2009	107DA	WATER	BRAKES
	11DA	POLICE	NO START
5/18/2009	11DA	POLICE	SERVICE
	DET	POLICE	SERVICE BRAKES
			FRONT END SERVICE
	107DA	WATER	BRAKES
	197DA	PUB BLD	ENGINE LIGHT
5/19/2009	197DA	PUB BLD	ENGINE LIGHT
	166DA	WATER	RUNS POOR
	10DA	POLICE	LIGHT BAR SERVICE
	4DA	POLICE	SERVICE

5/21/2009	166DA	WATER	RUNS POOR
	4DA	POLICE	LIGHT BAR
	352DA	POLICE	BRAKES
5/26/2009	243DA	POLICE	SERVICE
	271DA	POLICE	STROBE LIGHTS
	157DA	POLICE	FLAT TIRE R/C
5/27/2009	9DA	POLICE	CHARGE BATTERY
			SERVICE /
	546-PVY	POLICE	BRAKES
	858-RFZ	POLICE	SERVICE / RUNS ROUGH
5/28/2009	858-RFZ	POLICE	TUNE UP
	DET	POLICE	ELECTRICAL PROBLEM
	MOWER	WATER	STARTER

City of Danbury  
 Monthly Report MAY 2009

Labor	Total Hours	Total Hours	Percent
-------	-------------	-------------	---------

	Hours	This Month	Last Month	Difference	Change
Carpentry		10.50	21.50	-11.00	-104.76
City Bldgs	10.50				
Schools	0.00				
Electrical		76.50	116.00	-39.50	-51.63
City Bldgs	52.00				
Schools	24.50				
HVAC		4.50	4.00	0.50	11.11
City Bldgs	0.00				
Schools	4.50				
Locksmith		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Maintenance		7.00	69.50	-62.50	-892.86
City Bldgs	1.50				
Schools	5.50				
Mechanical		82.00	114.50	-32.50	-39.63
City Bldgs	82.00				
Schools	0.00				
Plowing		3.75	0.00	3.75	100.00
City Bldgs	0.00				
Schools	3.75				
Plumbing		144.75	238.50	-93.75	-64.77
City Bldgs	10.25				
Schools	134.50				
Roofing		0.00	9.50	-9.50	0.00
City Bldgs	0.00				
Schools	0.00				

New Work Requests received total month 153  
Work Requests Completed this month 101

